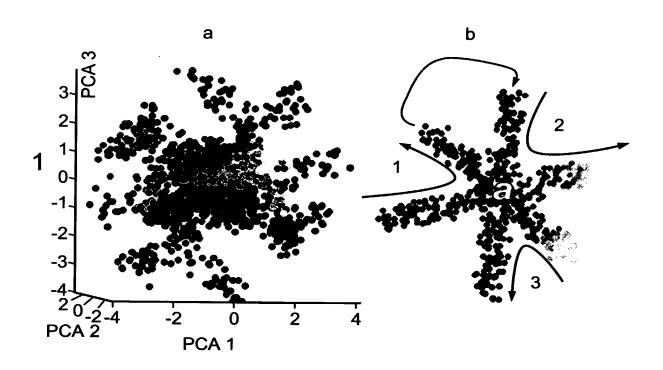


WO 2005/081635 PCT/IL2005/000241 2/10



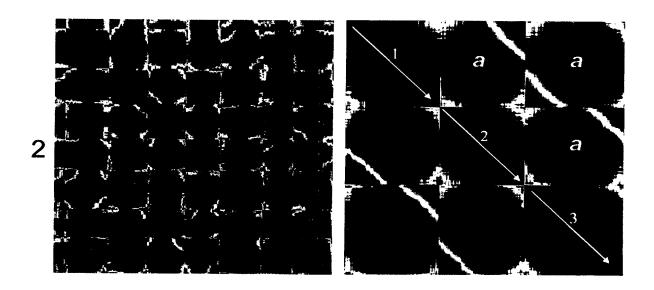
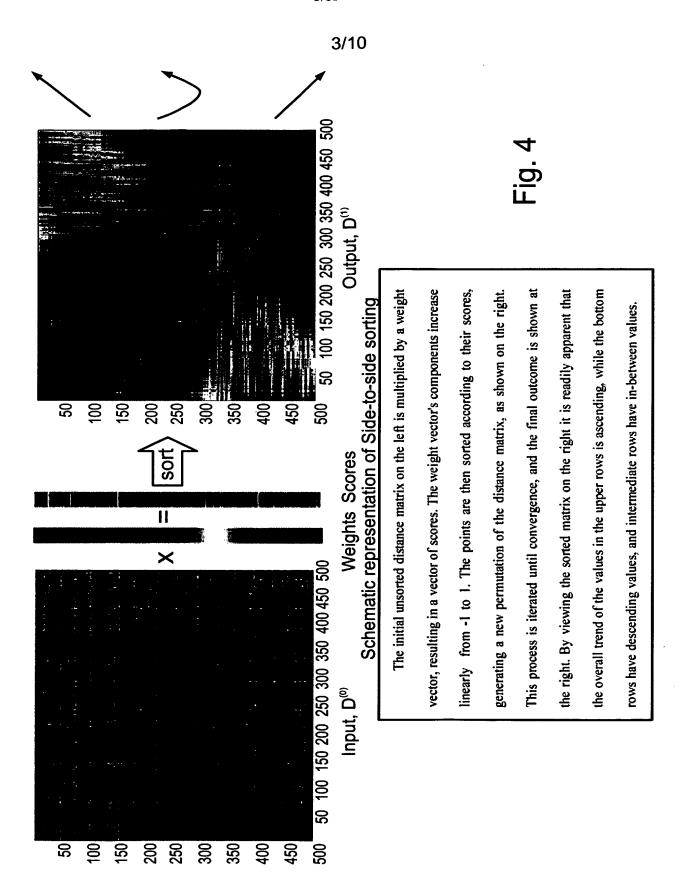
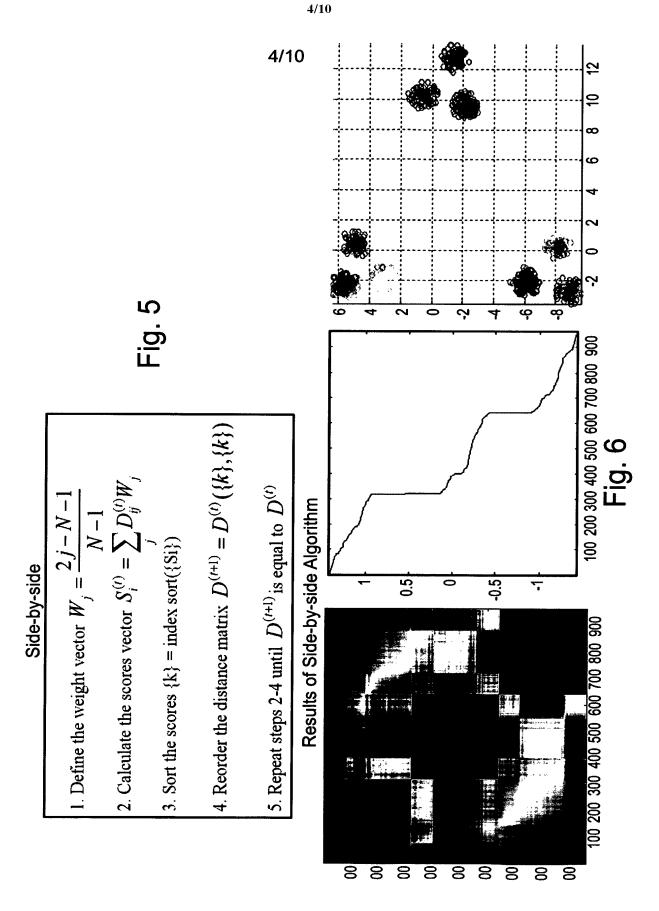


Fig. 3



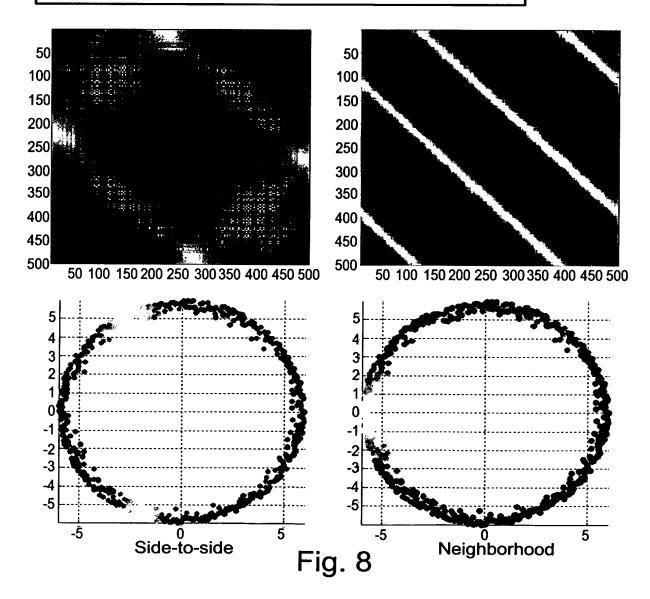




5/10 Neighborhood Algorithm

- 1. Define the weight matrix $W_{ij} = e^{\frac{-(i-j)^2}{\epsilon \cdot N}} / \sum_{k} e^{\frac{-(k-j)^2}{\epsilon \cdot N}}$
- 2. Calculate the mismatch matrix $M_{ij}^{(t)} = \sum_{k} D_{ik}^{(t)} W_{kj}$
- 3. Extract score vector $S_i = \arg\min_i (M_{ij})$
- 4. Sort the scores $\{k\}$ = index sort($\{Si\}$)
- 5. Reorder the distance matrix $D^{(t+1)} = D^{(t)}(\{k\},\{k\})$
- 6. Repeat steps 1-5 while adjusting ε

Fig. 7



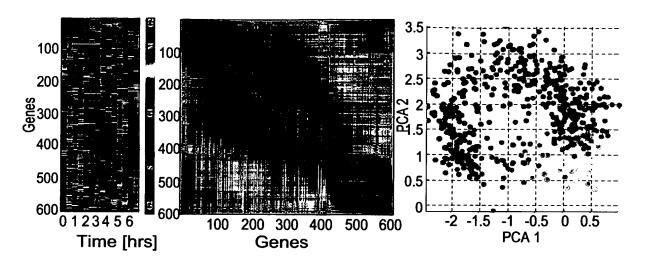
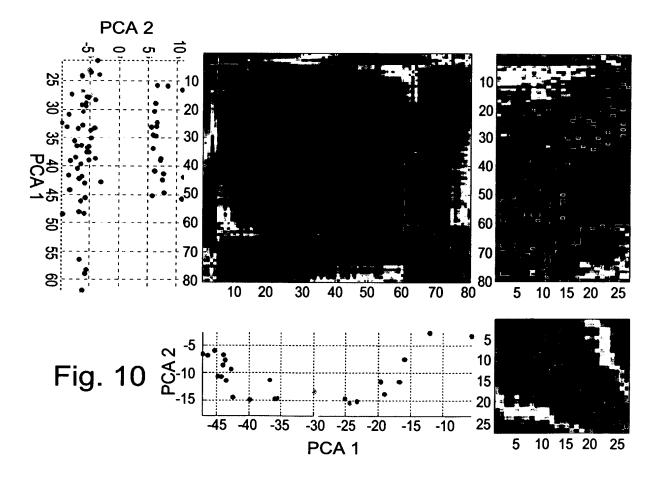


Fig. 9



SUBSTITUTE SHEET (RULE 26)

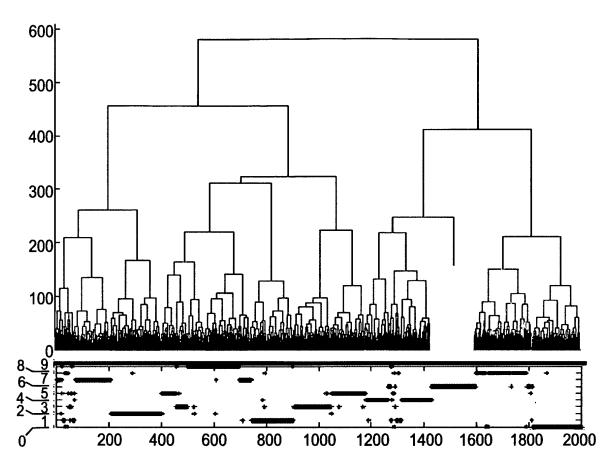
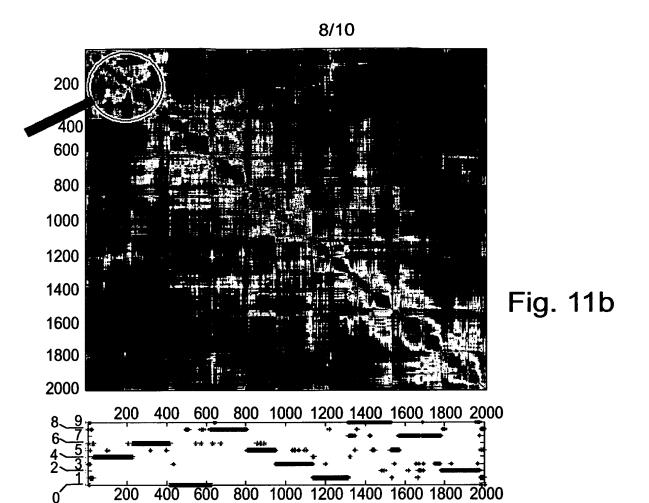


Fig. 11a



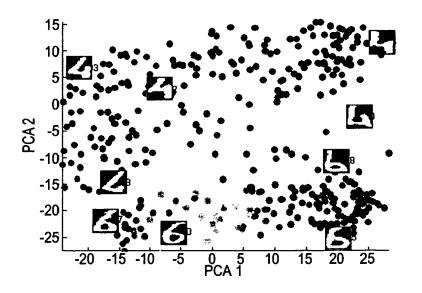


Fig. 11c

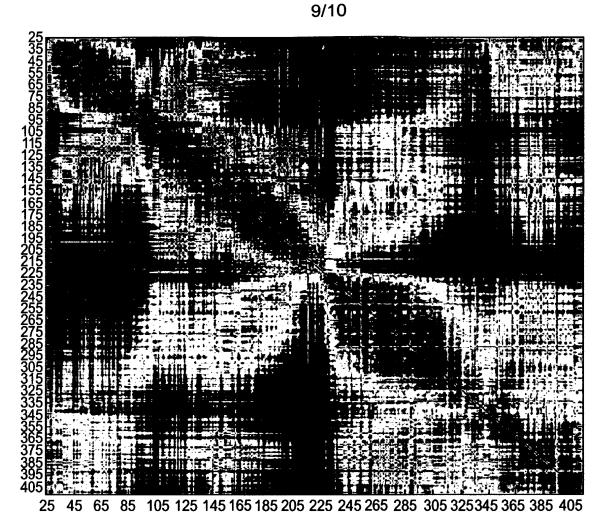


Fig. 11d



